AMENDMENTS TO THE CLAIMS

Claims 1, 15, and 17 are amended. No new matter has been added.

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for routing a message between services in a message routing network, the method comprising:

(a) before routing the message in the message routing network, associating an identifier with an entity**, the identifier provided** ~~**that has been authenticated**~~ by said message routing network **responsive to authentication of the entity to the message routing network, the identifier indicating authentication of the entity to the message routing network**;

(b) before routing the message in the message routing network, associating said identifier with an account of the entity **at a first service responsive to** ~~**upon authentication of**~~ said entity **being authenticated to the** ~~**with a**~~ first service that supports said entity account, such that the identifier ~~**represents**~~ **further indicates** authentication of the **entity** ~~**first service**~~ to the entity account **at the first service**;

(c) receiving, from a second service, a message including said identifier, said message being directed to a mapped service, wherein said mapped service is an entity account-specific representation of said first service and acts as a proxy for said first service, and wherein said mapped service is operable to determine whether a route for said message needs to be modified prior to delivering said message to said first service;

(d) authenticating**, by a receiver of said message, a sender of said message by authenticating** only said message routing network using said identifier included in said message; and

(e) when said message routing network is authenticated using said identifier and said mapped service determines that said route for said message does not need to be modified, translating, by said message routing network, said message for delivery to said first service, wherein said translated message includes said identifier and is directed from said mapped service to said first service.

2. (Original) The message routing method of claim 1, wherein said identifier is a message routing network ID.

3. (Original) The message routing method of claim 2, wherein said identifier is a message routing network ID for said mapped service.

4. (Cancelled).

5. (Previously Presented) The message routing method of claim 1, wherein said translating comprises adding an identifier of said entity account to said message.

6. (Previously Presented) The message routing method of claim 1, wherein upon receipt of said translated message, said first service associates said identifier with said entity account based on a mapping internal to said first service.

7. (Original) The message routing method of claim 1, further comprising receiving a second message from said first service, said second message being directed to said mapped service.

8. (Original) The message routing method of claim 7, further comprising translating said second message for delivery to said second service.

9-14. (Canceled).

15. (Currently Amended) A message routing method, comprising:

(a) providing a proxy service for messages transferred between a first application service provider and a second application service provider in a message routing network, said first application service provider and said second application service provider providing application services;

(b) before routing the messages in the message routing network, ~~providing~~ **associating** an identifier ~~associated~~ with an entity**, the identifier provided** ~~that has been authenticated~~ by said message routing network **responsive to authentication of the entity to the message routing network, the identifier indicating authentication of the entity to the message routing network**;

(c) before routing the messages in the message routing network, associating said identifier with an account of the entity **at said first application service provider responsive to** ~~upon authentication of~~ said entity **being authenticated to** ~~with~~ said first application service

provider, such that the identifier ~~represents~~ **further indicates** authentication of the **entity** ~~**first application service provider**~~ to the entity account **at said first application service provider**;

(d) receiving, from said second application service provider, a message including said identifier, said message being directed to said proxy service, wherein said proxy service is an entity account-specific representation of said first application service provider;

(e) authenticating**, by a receiver of the message, a sender of the message by** only **authenticating** said message routing network using said identifier included in said message; and

(f) when said message routing network is authenticated using said identifier, translating, by said message routing network, said message for delivery to said first application service provider, wherein said translated message includes said identifier and is directed from said proxy service to said first application service provider.

16. (Original) The message routing method of claim 15, wherein said proxy service adds an account identifier to a message that is transmitted to said second application service provider.

17. (Currently Amended) A method for authenticating services participating in routing of a message in a message routing network, the method comprising:

before the routing of the message in the message routing network:

(a) authenticating an enterprise to the message routing network;

(b) associating an identifier with the enterprise ~~**when the enterprise is authenticated to the message routing network, the identifier provided by the message routing network responsive to authentication of the enterprise to the message routing network, the identifier indicating authentication of the enterprise to the message routing network**~~;

(c) authenticating the enterprise to a first service provider;

(d) associating the identifier with an account of the enterprise **at the first service provider responsive to** ~~**when**~~ the enterprise **[[is]] being** authenticated to the first service provider, such that the identifier ~~**represents**~~ **further indicates** authentication of the **enterprise** ~~**first service provider**~~ to the enterprise account **at the first service provider**;

such that when a message including said identifier is received from a sender of the message, authentication of only said message routing network **by a receiver of said message** using the identifier included in the message provides authentication of the sender of the message.

18. (Previously presented) The method of claim 17, wherein the sender of the message is the enterprise.

19. (Previously presented) The method of claim 17, wherein the sender of the message is the first service provider.

20. (Previously presented) The method of claim 17, wherein the identifier is a message routing network ID.

21. (Previously presented) The method of claim 17, wherein authenticating the enterprise to a first service provider includes providing the identifier to the first service provider.

22. (Previously presented) The method of claim 17, wherein authenticating the enterprise to a first service provider includes providing a provisioning token to the first service provider.

23. (Previously presented) The method of claim 17, further comprising:

providing a confirmation message to the message interchange network indicating authentication of the enterprise to the first service provider.

24. (Previously presented) The method of claim 23, wherein the confirmation message includes the identifier.

25. (Previously presented) The method of claim 23, wherein the confirmation message includes a provisioning token.

26. (Previously presented) The method of claim 23, further comprising:

designating a time period for receipt of the confirmation message, a provisioning token expiring after passage of the time period.